

ABSTRACTSOLID OXIDE FUEL CELL WITH SEALED STRUCTURE

This invention relates to the presence of slightly or non-porous zones (11) in the electrode layer (10) around gas inlets (2), in order to improve the leak
5 tightness between the different individual cells (5) making up a fuel cell (1) with a plane geometry. Nested contact (18, 22) between the bipolar plate (20) and the ceramic triple layer (10, 20) making up the basic cell
(5) is also described and is another possible means of
10 avoiding mixes of gasses.

(Figure 5b)